

DEEPAJ DARBAR

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PROFILE OF SKILLS

- Graduate Student with 8 months of professional experience in **System Analysis** using **MS SQL Server, Windows Server, MDM tools, Log analysis, Network profiles** and testing inhouse by recreating client environment
- Skilled in **Programming Languages, Databases, Embedded Systems, Data Science and Networking concepts** through experience and relevant coursework/projects
- Understanding of **Software Development Life Cycle** while working under **Agile/Scrum and Waterfall Methodologies**
- Developed academic & individual projects using several web technologies such as **Python, Django, PHP, MySQL, Flask, and Tableau**.
- Strong interest in the field of **Web/Software Development** and **Data Science** and improving by online courses, hands-on practice, and self-learning

TECHNICAL SKILLS

- **Languages:** Python 2.7/3(Advanced), Java, C, C++
- **Front End:** JavaScript , Angular JS, React JS, HTML5, ES6, JSON, CSS, Bootstrap, REST API
- **Database:** MySQL, SQLite3 ,PostgreSQL, MS SQL Server , CouchDB, MongoDB, Cassandra, Neo4j
- **Project Management/Tools:** Agile/Scrum, Sublime, PyCharm, Jupyter Notebooks, Visual Studio Code, Eclipse, Visual Studio, Postman, Microsoft Visio, JIRA, ServiceNow, GitHub, Git, Atom, Sublime
- **OS:** Windows, Windows Server, Unix, Linux, Ubuntu, and Mac
- **Web Service:** Django, Flask, JAX-RS
- **Data Visualization:** Pandas, NumPy, Seaborn, Matplotlib, Pandas, Tableau, Power BI, Rapid Miner
- **Cloud Computing(Novice):** AWS, Google Cloud, and IBM Cloud
- **Others:** RSTP, TCP/IP, HTTP, NAT, IGMP, QoS, VLAN, VPN, Selenium, Bugzilla
- **BlackBerry MDM:** UEM (On-Prem and Cloud), BEMS, Cylance Smart AV, Dynamics Apps, Workspaces

EDUCATION

Master of Applied Computing University of Windsor, Windsor, ON

Jan 2019 – Present

- Technical System Analyst Intern at BlackBerry till August 2020

Bachelor of Engineering – Computer Engineering KSV University Gujarat, India

June 2018

PROFESSIONAL EXPERIENCE

Technical Analyst Intern, BlackBerry, Waterloo, ON

Jan 2020 – Present

- Expertise in analysing server environment including Windows Server 2012 R2(Exchange, SQL, Active Directory Domain Services, and various Network Security Protocols)
- Analysed and troubleshoot client, server, and cloud-based web applications such as BlackBerry Dynamics apps and BlackBerry MDM software's
- Resolved all kinds of issues from single device activation to multiple server failures
- Created Internal/External Worklogs and case updates on Salesforce and JIRA ticketing systems\Memory Dump Analysis, Network Analysis, Active Directory, Microsoft Exchange, PowerShell and more
- Created Knowledge Base articles for unique issues resolved and helped colleagues in log analysis and test setups.
- Created, Presented, and Lead team meetings and the team won CSAT contest held with a perfect score
- Got selected as the top 2 in the team by the manager to work on Cylance AV tickets simultaneously

ACADEMIC PROJECTS

The Bookstore, University of Windsor

Aug -- Nov 2019

- Designed and developed a web application that manages book details such as publisher information, orders, reviews, and ratings, also added the functionality of different membership types, register/login, and add a profile picture of the member in the database.
- Implemented the database and the webpage of the application such that it can query the database for results/information
- GitHub: <https://github.com/DeeprajDarbar/The-Bookstore>
- Technologies: Python 3, Django, SQLite3, Bootstrap, HTML, CSS

ACADEMIC PROJECTS CONTINUED**Chatter Pi, University of Windsor**

Jun -- Aug 2019

- Designed a web-service based client-server communication prototype which can send and receive text and audio messages asynchronously amongst multiple Raspberry Pi's and a PC (server)
- Developed the web-service and the webpage/interface for the server using Flask and Python
- Collaborated with team members to create a logic to send audio stream by dividing it and sending it to the server in frames
- GitHub: <https://github.com/DeeprajDarbar/ChatterPi>
- Technologies: Python 3, Flask, PyAudio and Socket Programming

Tableau Research Project, University of Windsor

May 2019

- Created a Tableau workbook which helped in visually representing the analysis of Leading causes of death, total population, by age group in Canada using the advance data analysis functions
- GitHub: <https://github.com/DeeprajDarbar/TableauResearchProject>
- Technologies: Tableau 10

Bash Shell Prototype, University of Windsor

May 2019

- Developed a Client-Server program using Socket Programming in C, to implement a simple remote shell connection which could run bash shell commands with ability to handle multiple clients synchronously
- GitHub: <https://github.com/DeeprajDarbar/BashShellPrototype>

Astute Bell, KSV University

Jan – May 2018

- Developed a web service based automated home security system which detected the presence of a person in front of the door and would open the door for a registered person
- Implemented and optimized Python script for the facial recognition mechanism using OpenCV library
- Involved in the user interface design of the web services and created the complete SRS of project
- Technologies: Python 3, Flask, HTML, CSS Hardware: Raspberry Pi & Camera module, Microcontroller
- GitHub: <https://github.com/DeeprajDarbar/AstuteBell>

SELF-LEARNING PROJECTS**Stweettob**

Jun 2020

- Developed a Twitter Bot that can read the user's feed, Tweet from users account, Search for user's followers, update profile description and search for tweets based on keywords
- GitHub: <https://github.com/DeeprajDarbar/stweettob>
- Technologies: Python 3, Tweepy

COVID-19 Visualization

May 2020

- Built a simple yet robust visualization of COVID-19 cases by reading live updated data from a Git repository, creating a data frame, and adjusting its view and then generating plot using lib functions
- GitHub: <https://github.com/DeeprajDarbar/COVID-19-Visualization>
- Technologies: Python, Pandas and Matplotlib

To-Do App

Aug 2019

- Built an application which allowed users to manage daily tasks
- Technologies: ReactJS, HTML, CSS

ADDITIONAL TECHNICAL TRAINING AND WORKSHOPS

- Python for Data Science and Machine Learning Bootcamp, <https://cylance.udemy.com/> Ongoing
- Learning NoSQL Databases, <https://www.linkedin.com/learning> Jun 2020
- Data Science for Python Lecture Series(Complete), <https://www.skillsoft.com/> Mar 2020
- Amazon Web Services Essential Training, <https://www.linkedin.com/learning> Aug 2019
- Tableau 10 for Data Scientists, <https://www.linkedin.com/learning> Jun 2019
- Tableau Essential Training, <https://www.lynda.com/> May 2019
- IBM Cloud Platform Certificate, the University of Windsor (Issued by IBM) Mar 2019
- Attended a summer internship workshop for iOS application development May 2017
- Attended a two-day lecture series titled "Emerging Trends and Technologies in ICT" Mar 2017

VOLUNTEERING

- Volunteered for Canadian Bureau for International Education 2-day conference by UWindsor May 2019
- Volunteered for Convocation ceremony by Alumni Association May 2019
- Volunteered for Soft-Landing for International Students by ISC May 2019
- Coordinated the events of Xenesis (University Tech-Fest) and lead a team of 20 members Mar 2017